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| (21) International Application Number: PCT/US92/03993 (22) International Filing Date: 7 May 1992 (07.05.92) (30) Priority data: 697,113 8 May 1991 (08.05.91) US (71) Applicant: VERTEX PHARMACEUTICALS, INC. [US/US]; 40 Allston Street, Cambridge, MA 02139-4211 (US). (72) Inventor: HARDING, Matthew, W. ; 171 Willow Street, Acton, MA 01720 (US). (74) Agents: GRANAHAN, Patricia et al.; Hamilton, Brook, Smith & Reynolds, Two Militia Drive, Lexington, MA 02173 (US). | | (81) Designated States: AT, AT (European patent), AU, BB, BE (European patent), BF (OAPI patent), BG, BJ (OAPI patent), BR, CA, CF (OAPI patent), CG (OAPI patent), CH, CH (European patent), CI (OAPI patent), CM (OAPI patent), CS, DE, DE (European patent), DK, DK (European patent), ES, ES (European patent), FI, FR (European patent), GA (OAPI patent), GB, GB (European patent), GN (OAPI patent), GR (European patent), HU, IT (European patent), JP, KP, KR, LK, LU, LU (European patent), MC (European patent), MG, ML (OAPI patent), MN, MR (OAPI patent), MW, NL, NL (European patent), NO, PL, RO, RU, SD, SE, SE (European patent), SN (OAPI patent), TD (OAPI patent), TG (OAPI patent). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> | |
| (54) Title: RFKBP: A NOVEL PROLYL ISOMERASE AND RAPAMYCIN/FK506 BINDING PROTEIN | | | |
| <p>GTTGACTCCGGGGGGCGCGGCGAGGAGAGACATGAGGCTGAGCTG GTTCCGGGTCTCTGACAGTACTGTCCATCTGCCTGAGCGCCGTGGC CACGGCCACGGGGGGCCGAGGGCAAAGGAAGCTGCAGATCGGGG TCAAGAAGCGGGTGGACCACTGTCCCATCAAATCGCGCAAAGGG GATGTCCTGCACATGCACTACACGGGGGAAGCTGGAAGATGGGAC AGAGTTTGACAGCAGCCTGCCCCAGAACCAGCCCTTTGTCTTCTC CCTTGGCACAGGCCAGGTCATCAAGGGCTGGGACCAGGGGCTGC TGGGGATGTGTGAGGGGGGAAAAGCGCAAGCTGGTGATCCCATCC GAGCTAGGGTATGGAGAGCGGGGAGCTCCCCCAAAGATTCCAGG CGGTGCAACCCTGGTGTTTCGAGGTGGAGCTGCTCAAAATAGAGCG ACGAACTGAGCTGTAACCAGACTGGGGAGGGGCAGGGGGAGAGG CCCCCATCAGGGACCAGACTGTTCCAAAAAACAACAAAAACA AAAACAAACAAAAAACAACCTTAAAAGCCAAG</p> | | | |
| (57) Abstract <p>A novel prolyl isomerase, RFKBP, which binds FK506 and rapamycin with quantitatively significant selectivity and does not bind cyclosporin A and the molecular cloning of a cDNA (SEQ ID NO: 6) whose sequence predicts a chemically determined amino acid sequence of RFKBP. The deduced protein of the cDNA is 142 amino acid residues in length (SEQ ID NO: 7).</p> | | | |